VOLTCRAFT

VOLTCRAFT - RELIABLE AND PRECISE. SINCE 1982.

For decades, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

CE

GAN CHARGER

Item no: 3555210 (UC-140W01) / 3555211 (UC-100W01)

The product is a GaN charger with fast charge support. The product is equipped with a retractable USB-C® cable.



TECHNICAL DATA

General

Data	Item No.: 3555210	Item No.: 3555211
Support	3x USB-C®: Power delivery (3.1) / fast charge 1 x USB-A: Super Fast Charge	2x USB-C®: Power delivery (3.1) / fast charge 1 x USB-A: Super Fast Charge
Length (USB-C1)	No cable	max. 65-68 cm
Protection class	II	II
Protection mechanisms	Over-load, Over-voltage, Over-current and short circuit protection	Over-load, Over-voltage, Over-current and short circuit protection
Dimensions (W x H x D) (approx.)	68 x 36 x 107.5 mm	63.3 x 37 x 109 mm
Weight	260 g	190 g

Item No.: 3555210 (UC-140W01) —Data according to EU regulation 2019/1782

Manufacturer	Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau
Commercial registration number	HRB 3896
Model identifier	UC-140W01
Input voltage	100 - 240 V/AC
Input AC frequency	50 / 60 Hz

Output voltage Output current Output power	**USB-C 1** 5.0V DC 3.0A Max.15.0W 9.0V DC 3.0A Max.27.0W 12.0V DC 3.0A Max.36.0W 15.0V DC 3.0A Max.45.0W 20.0V DC 5.0A Max.100.0W 28.0V DC 5.0A Max.140.0W **USB-C 2** 5.0V DC 3.0A Max.15.0W 9.0V DC 3.0A Max.27.0W 12.0V DC 3.0A Max.36.0W 15.0V DC 3.0A Max.45.0W 20.0V DC 5.0A Max.100.0W **USB-C 3** 5.0V DC 3.0A Max.15.0W 9.0V DC 2.22A Max 20.0W 12.0V DC1.67A Max.20.0W **USB-A** 5.0V DC 3.0A Max.15.0W 9.0V DC 2.0A Max.18.0W 12.0V DC 1.5A Max18.0W **USB-C1+USB-C2 Output**:100.0W+65.0W **USB-C1+USB-C3 Output**:140.0W+20.0W **USB-C1+USB-A Output**: 140.0W+18.0W **USB-C2+USB-C3 Output**:100.0W+20.0W **USB-C1+USB-C2+USB-C3 Output**: 100.0W+45.0W+20.0W **USB-C1+USB-C2+USB-A Output**: 100.0W+45.0W+18.0W **USB-C1+USB-C3+USB-A Output**: 140.0W + 5.0V DC 3.0A (15W) **USB-C1+USB-C2+USB-C2+USB-A Output**:100.0W+45.0W+5.0V DC 3.0A(15W) **Total output**: 165.0W max
Average active efficiency	89.0 %
Efficiency at low load (10 %)	84.0%
No-load power consumption	0.22 W

Item No.: 3555211 (UC-100W01) —Data according to EU regulation 2019/1782

Manufacturer	Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau
Commercial registration number	HRB 3896
Model identifier	UC-100W01
Input voltage	100 - 240 V/AC
Input AC frequency	50 / 60 Hz
Output voltage Output current Output power	**USB-A 1** 5.0V DC 3.0A Max.15.0W 9.0V DC 3.0A Max.27.0W 12.0V DC 2.5A Max 30.0W 20.0V DC 1.5A Max.30.0W USB-C 1 (cable) 5.0V DC 3.0A Max.15.0W 9.0V DC 3.0A Max.27.0W 12.0V DC 3.0A Max.36.0W 15.0V DC 3.0A Max.45.0W 20.0V DC 5.0A Max.100.0W AVS 9.0-20V DC 3.0A (27.0 - 60.0W) USB-C 2 5.0V DC 3.0A Max.15.0W 9.0V DC 3.0A Max.27.0W 12.0V DC 3.0A Max.36.0W 15.0V DC 3.0A Max.45.0W 20.0V DC 5.0A Max.100.0W **USB-C1 + USB-C 2**: Max.65.0W +35.0W **USB-C1 + USB-A**: Max.65.0W +30.0W **USB-C2 + USB-A**: Max.5V DC 3A 15.0W

	USB-C + (USB-C2 + USB-A□: 65.0W + 15.0W **Total output**: 100.0W max
Average active efficiency	90.7 %
Efficiency at low load (10 %)	83.8%
No-load power consumption	0.21 W

Environment

Operating conditions	0 to +40 °C, 5 - 90 % RH (non-condensing)
Storage conditions	-35 to +70 °C, 0 - 90 % RH (non-condensing)

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